

Power Cost Memorandum Fuel Cost Update and Rate Change

Date: April 6, 2023

Utility Name (Cert. No.) (363) City of Tenakee Springs d/b/a Tenakee Springs Electric Utility Department	Utility File No. PC20-0916CC	Date Filed: March 28, 2023 and March 6, 2023
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PCE AMOUNT SUMMARY	Previously Calculated PC20-0916BB	Staff Recommended Amount(s) and Effective Date PC20-0916CC
Class Rate	<u>Date Approved:</u> March 3, 2023	April 7, 2023
ALL	\$0.5230	\$0.4648
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$ 5.6300</u>	New Fuel Purchase Price: <u>\$ 4.9700</u>
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous <u>0.19</u> Updated <u>0.19</u>

Signed: _____

Brenda Cox

Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 4/6/23)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Kurber		<i>KIL</i>		
Doyle		<i>BD</i>		
Pickett		<i>RMP</i>		
Sullivan		<i>RMP</i> for DS		
Wilson		<i>JWW</i>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

City of Tonawee Springs d/b/a Tonawee Springs Electric Utility Department

APPENDIX 1

POWER COST EQUALIZATION CALCULATION

BASED ON YEAR ENDING JUNE 30, 2016

Fuel Cost Update and Rate Change

	PC20-0916BB	PC20-0916CC
	Prior Staff Calculated	Utility Request Staff Recommended
A. Total kWh Generated	411,650	411,650
B. Total kWh Sold (Appendix 2)	349,582	349,582
C. Total Non-Fuel Costs (Appendix 2)	78,555	78,555
D. Non-Fuel Cost/kWh (C / B)	\$0.2247	\$0.2247
E. Total Fuel Costs (Appendix 2)	182,339	160,963
F. Fuel Costs/kWh (E / B)	\$0.5216	\$0.4604
G. Eligible Costs/kWh (D + F)	\$0.7463	\$0.6851
H. Eligible Cost/kWh (G) less base rate in effect	\$0.5505	\$0.4893
I. Lesser of (H) or 80.42 cents/kWh	\$0.5505	\$0.4893
J. Average Class Rates (Appendix 3)		
ALL	\$0.5442	\$0.6942
Class Power Cost Equalization Per KWh Payable		
K. Lesser of: (I) x 95% or (J)		
ALL	\$0.5230	\$0.4648
L. Funding Level in Effect	100%	100%
ALL	\$0.5230	\$0.4648

PC20-0916CC
Appendix 1

City of Tonakee Springs d/b/a Tonakee Springs Electric Utility Department
SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
BASED ON YEAR ENDING JUNE 30, 2016
Fuel Cost Update and Rate Change

APPENDIX 2

		PC20-0916BB		PC20-0916CC
		Prior Commission Approved	Per Utility	Staff Recommended
Non-Fuel Costs:				
A. Personnel Expense		46,788	46,788	46,788
B. Operating Expense		9,559	9,559	9,559
C. General & Administrative		16,054	16,054	16,054
D. Depreciation Expense		6,734	6,734	6,734
E. Other Income :Pole Rental		(580)	(580)	(580)
F. Total Non-Fuel Costs		78,555	78,555	78,555
Fuel Costs:				
G. Gallons Consumed for Electric Generation		32,387	32,387	32,387
H. Most Recent Price	\$4.9700	5.6300	4.9700	4.9700
I. Date Purchased	2/28/2023			
J. Total Fuel Costs		182,339	160,963	160,963
K. kWh Generated		411,650	411,650	411,650
L. kWh Sales		349,582	349,582	349,582
M. kWh Station Service		12,670	12,670	12,670
N. Efficiency (K /G)	<u>Standard</u>			
≥	10.50	12.71	12.71	12.71
(kWhs sold per gallons consumed)				
O. Line Loss	≤	12.00%	12.00%	12.00%
(kWh generated -(kWh sold + Station Service)/kWh generated				

PC20-0916CC
Appendix 2

Signature: Keith Kurber II
Keith Kurber II (Apr 6, 2023 10:11 AKDT)
Email: keith.kurber@alaska.gov

Signature: Bob Doyle
Bob Doyle (Apr 6, 2023 10:14 AKDT)
Email: bob.doyle@alaska.gov

Signature: Bob Pickett
Bob Pickett (Apr 6, 2023 10:34 AKDT)
Email: bob.pickett@alaska.gov

Signature: Janis W. Wilson
Janis W. Wilson (Apr 6, 2023 10:37 AKDT)
Email: janis.wilson@alaska.gov

CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: **All**

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to 750	0.7000	0.1900	0.8900	667.5000		
751 to						
to						
to						
Max 750			Total	667.5000	0.8900	0.6942

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to						
to						
to						
to						
Max 500			Total			